

POSPISIL, Jan; LUKAS, Jaromir; VODICKA, Ludek

Use of pyrolytic dipentene. Pt.2. Chem prum 13 no.8:398-402
Ag'63.

1. Ustav makromolekularni chemie, Ceskoslovenska akademie ved,
Praha (for Pospisil and Lukas); 2. Katedra syntetiskych po-
honnych latek a ropy, Vysoka skola chemickotechnologicka, Praha
(for Vodicka).

SKALNIK, Ladislav; STEJFA, Milos; DOSTAL, Jaroslav; EDEPISIL, Jaroslav;
ZAK, Jan

Contribution to the problem of the pathogenesis of primary
hypertension in obstructive emphysema. Pt.1. Ser. med. fac.
med. Brunensis 38 no.2/3:115-122 '66.

Contribution to the problem of the pathogenesis of pulmonary
hypertension in obstructive emphysema. Pt.2.

1. I. interni klinika lekarske fakulty University J.E. Purkyne
v Brne (Prednosta prof. dr. Milos Stejfa).

KLAT, Frantisek; POSPISIL, Jaroslav; POKORNY, Josef

Production of exacting steel castings in bonding bentonite mixtures with water glass. Slevarenství 12 no.11:443-452 N '64.

1. Zdarake strojirny a slevarny, Zdar.

POSPISIL, Josef, inz. (Praha)

Arrangement of the degassing unit of condensing steam turbines.
Energetika Cz 13 no.5:283 My '63.

VODERA, Vaclav, inz.; PCSPISIL, Josef

Results of the technological development plan in operational practice of the locomotive factory of the Zavody V.I. Lenina in Plzen. Stroj vyr 11 no.6:274-279 Je '63.

1. Zavody V.I. Lenina, p.p., Plzen.

POSPISIL, Inri

Sequelae after artificial interruption of pregnancy in rural areas. Cesk.gyn.25 [39] no.9:697-701 H '60.

1. Gyn.por.odd. Valtice, prednosta MUDr. E. Jelinek, OUNZ, Mikulov.
(ABORTION THERAPEUTIC compl)

ZELENKA, J.; JETEL, M.; JILKOVA, B.; POSPISIL, J.

Clinical experience with administration of tablets of V-penicillin for pneumonia and angina in children. Cesk.pediat.16 no.1:26-31 Ja '61.

1. Detske oddeleni OUNZ v Chebu, primar MUDr. Jiri Zelenka.
(PENICILLIN ther)
(PNEUMONIA in inf & child)
(TONSILLITIS ther)

POSPISIL, J.; JILKOVA, B.; ZELENKA, J.; JETEL, M.

Studies on the blood penicillin level in infants and children after the administration of a single dose of phenoxymethylpenicillin and its potassium salts. Cesk.pediat.16 no.2:122-127 F '61.

1. Detske oddeleni OUNZ v Chebu, prednosta MUDr. Jiri Zelenka.
(PENICILLIN blood)

JIRASEK, J. E., CSc.; POSPISIL, J.; VOJTA, M., doc.

Localization of some hydrolytic enzymes in the endometrium in hyperplasia and adenocarcinoma. Cesk. gynek. 27 no.3:185-188 Ap '62.

1. Ustav pro peci o matku a dite, Praha-Podoli reditel doc. MUDr.
A. Vojta - Technicka spoluprace kolektivu morfologicke laboratore
V. Citterbartova, B. Faltinova, H. Kavanova, M. Marelova, J. Pokorna,
A. Supitova.

(UTERUS NEOPLASMS pathol) (ENZYMES chem)
(ADENOCARCINOMA pathol)

ZAVADIL, Milos, CSc.; POSPISIL, Josef; VIKLICKY, Josef, doc.; KUBATOVA, Bela;
TRNKA, Vaclav, doc., CSc.

Histopathological classification of changes in the endometrium. Cesk.
gynek. 27 no.3:181-184 Ap '62.

1. I gyn. por. klin. KU, Praha, prednosta prof. MUDr. K. Klaus, DrSc. -
Onkol. lab. fak. vseob. lek. KU, Praha, prednosta prof. MUDr. J. Venta -
Ustav pro peci o matku a dite, Praha-Podoli, reditel doc. MUDr. M.
Vojta - Pat. anat. odd. nemocnice Bulovky v Praze, prednosta doc. MUDr.
J. Viklicky - II gyn. por. klin. KU, Praha, prednosta prof. MUDr.
J. Lukas, DrSc. - Gyn. por. klin. lek. fak. ped. KU, Praha, prednosta
prof. MUDr. R. Peter, DrSc.

(UTERUS NEOPLASMS pathol)

OSOLSOBE, J., dr., inz.; HOMOLA, F., inz.; KUCERA, F., inz.; PAVLICEK, Z., inz.; KUBINEC, R., inz.; CABELKA, J., akademik; SIMURDA, L. inz.; JUZA, J., dr., inz.; KRAL, V., inz.; POSPISIL, J., inz.; DOLEZAL, R., prof., dr., inz.; ZEMAN, Vl., inz.; LIMFOUCH, B. inz.; SVAB, V., dr., inz.; LASKA, L., inz.; JAHODAR, V., inz.; KOHN, F., inz.

Development of power installations over a long period of time; summary of reports made at the 7th Conference of Power engineers in Bratislava, September 6-8, 1960. Energetika Cz 11 no.3: Suppl: Energetika 11 no.3:1-23 '61.

1. Chlen korespondent Ceskoslovenske akademie ved (for Osolsobe).

POSPISIL, Jaromir, dr., C.Sc. (Praha 2, Vinicna 7)

Orientation of *Myzodes persicae* (Sulz.) to light.
Cas entom 60 no.1/2:94-98 '63.

1. Czechoslovak Academy of Sciences, Institute of
Entomology, Praha.

POSPISIL, Jan, MVDr.

The dynamics of changes of lymph cells in the course of an acute illness caused by irradiation. Veterinarni medicina 6 no.10:789-798 0 '61.

1. Veterinarni vyzkumne stredisko, Praha.

POSPISIL, Jan; RADA, Antonin; VODICKA, Ludek

Use of pyrolytic dipentene. Part 1: Preparation of p-menthene and its sulphochlorination. Chem prum 12 no.3:117-122 Mr '62.

1. Katedra organicke technologie a katedra syntetickych pohonných latek a ropy, Vysoka skola chemickotechnologicka, Praha. 2. Nynejši pracoviste: Ceskoslovenska akademie ved, Ustav makromolekulární chemie, Praha (for Pospisil).

ZICHA, Blahoslav; POSPISIL, Jan; KUCERA, Karel

Effect of ionizing irradiation on the permeability of the vascular and lymphatic system. Cesk. rentgenol. 16 no.4:259-267 Ag '62.

1. Veterární výzkumné středisko v Praze.
(RADIATION EFFECTS experimental)
(BLOOD VESSELS radiation effects)
(LYMPHATIC SYSTEM radiation effects)

DIENSTBIER, Zdenek; POSPISIL, Jan

The effect of the dose rate of x-radiation upon the post-irradiation response in rats. Acta univ. carol. [med.] no.8:899-909 '61.

1. Biofyzikalni ustav fakulty vseobecneho lekarstvi University Karlovy v Praze, prednosta doc. MUDr. Z. Dienstbier. Veterinarni vyzkumne stredisko v Praze.

(RADIATION INJURY exper)

POSPISIL, Jaromir, C.Sc. (Praha 2, Vinicna 7)

Laboratory rearing of the spinach leaf miner *Pegomya*
hyoscyami Panz. Cas entom 59 no.1:9-11 '62

POSPISIL, Jaromir, C.Sc. (Praha 2 Vinican 7.)

On visual orientation of the house fly (*Musca domestica*) to colors. Cas entom 59 no.1:1-8 '62

1. Czechoslovak Academy of Sciences, Institute of Entomology
Praha.

POSPISIL, Jan

Roentgen lymphography in 2 stages in dogs following total body irradiation with roentgen rays of 600 and 800 r. Cesk. rentgenol. 15 no.4:238-244 '61.

1. Veterinarni vyzkumne stredisko, Praha.
(RADIATION INJURY experimental) (LYMPHATIC SYSTEM radiography)

POSPISIL, J.; BALAK, K., CSc.

Histology and histochemistry of the placenta in women with late gestosis. Cesk. gynek. 27 no.1/2:104-108 Mr '62.

1. Ustav pro peci o matku a dite, Praha-Podoli, reditel doc. MUDr. M. Vojta, zasl. lekar.

(PREGNANCY TOXEMIAS chemistry)
(PLACENTA chemistry)

POSPISIL, J.; ZAVADIL, M., CSc.; VIKLICKY, J., doc.; KUBATOVA, B.

Specimen taking and histological examination of the endometrium. Cesk. gynec. 27 no.3:178-180 Ap '62.

1. Ustav pro peci o matku a dite, Praha-Podoli, reditel doc. MUDr. M. Vojta, I. gyn. por. klin. KU, Praha, prednosta prof. MUDr. K. Klaus, DrSc. - Onkol. lab. fak. vseob. lek. KU, Praha, prednosta prof. MUDr. J. Venta - Pat. anat. odd. nemocnice, Praha-Bulovka, prednosta doc. MUDr. J. Visklicky - II gyn. por. klin. KU, Praha, prednosta prof. MUDr. J. Lukas, DrSc.

(UTERUS NEOPLASMS pathol)

KUNSTYR, I.; POSPISIL, J.

Penetration of *Serratia marcescens* from the intestine into the organism of irradiated dogs. *Folia microbiol.* 7 no.1:83-87 '62.

1. Veterinary Research Unit, Prague.
(*SERRATIA MARCESCENS* infect) (INTESTINES microbiol)
(RADIATION INJURY exper)

VOJTA, M., doc.; POSPISIL, J.; ZWINGER, A.

Current status of the diagnosis and therapy of precancer of the cervix
uteri. Cesk. gynek. 27 no.3:210-216 Ap '62.

1. Ustav pro peci o matku a dite, Praha-Podoli, reditel doc. MUDr.
M. Vojta.

(CERVIX NEOPLASMS)

POSPISIL, Jiri; VEVERA, Josef

A case of gastric ulcer in a newborn infant. Cesk. pediat. 16 no.12:
1108-1109 D '61.

1. OUNZ Sokolov, nemocnice s poliklinikou Kraslice, vedouci det. lek.
MUDr. Josef Vevera Histologicke zpracovani dr. Chung, prosektura
Karlovy Vary.

(PEPTIC ULCER in inf & child)
(INFANT NEWBORN diseases)

POSPISIL, Jan

Oxidation of pyrocatechin. V. Oxidation by oxygen in presence of hydroxides of alkaline earths. Sbor chem tech 4 no.2:491-504 '60.
(EEAI 10:9/10)

1. Katedra organické technologie, Vysoká škola chemicko-technologická, Praha.

(Pyrocatechol) (Oxidation) (Alkaline earth compounds)

POSPISIL, Jan

SURNAME, Given Names

Country: Czechoslovakia

Academic Degrees: DVM

Affiliation: Veterinary Research Center /Veterinarni vyzkumne stredisko/ Prague

Source: Prague, Veterinarni Medicina, Vol 6(34), No 10, Oct 1961; pp 789-798

Data: "Dynamics of the Changes in Lymph Cells During the Course of Acute Irradiation Sickness"

POSPISH, J.

Chemical protection of wool against moths.

p. 705 (Chemie, Vol. 9, no. 5, Nov. 1957)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 6, June 1958

POSPISIL, J.

New trends in planning steam power plants. p.65.
(Energetika, Vol. 7, No. 2, Feb. 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 9, Sept. 1957. Uncl.

CZECHOSLOVAKIA/Human and Animal Physiology - (Normal and Patho- T-4
logical). Blood. Blood Coagulation.

Abs Jour : Ref Zhur - Biol., No 11, 1958, 50722

Author : Komarek, J., Pospisil, J.

Inst : -

Title : The Determination of Time for Blood Coagulation in Dogs.

Orig Pub : Veterin. casop., 1957, No 5, 432-435

Abstract : By using the method of Vitbi and Britton, it was demons-
trated that bloodclotting time in German sheep-dogs
amounts to 3 min 3 sec, with a mean error of ± 34 sec.
Sex and age differentiations were not established. --
L.N. Dayneko.

Card 1/1

Card : 1/4

14

CZECHOSLOVAKIA/Organic Chemistry. Synthetic Organic Chemistry. G

Abs Jour: Ref. Zhur-Khimiya, 19, 1958, 64406.

dation products of (I), decompose instantly. Oxidized with CH_3COOH , (I) yields beta-methylsuccinic acid, mixed with the corresponding lactone. Optimum results for the oxidation of (I) with CH_3COOH were investigated and proved to be graphically comparable with comparable ones for pyrocatechin. According to Klemmensen, 4-methyl-2-methoxyphenol was derived from vanillin (yield 65.5%, boiling point $110^\circ/20$ mm), boiling 20 hours with 40% HBr (acid) in glacial CH_3COOH gives (I), yield 71%, melting point 64.5° . (I) can similarly be separated from the 145-148° boiling point fraction of lignite tar. Upon combining 3 g. (I), 10 g. KOH and 6 ml. H_2O , adding drop by drop during the course of 25 minutes 7 ml. of 40% H_2O_2 solution at a temperature of

Card : 2/4

CZECHOSLOVAKIA/Organic Chemistry. Synthetic Organic Chemistry. G

Abs Jour: Ref. Zhur-Khimiya, No 19, 1958, 64406.

m.p. 34°; amide 144-145°. Hydrogenating (III) yields beta-methyladipic acid, m.p. 94-95°. The yields of (III) and (IV) upon oxidation, and also upon oxidation with the addition of Mn + salts are: A. 53.1, 52.8; B. 47.8, 46.5; C. -, 37.8.

Card : 4/4

POSPISIL, Jan

Sixth World Petroleum Congress in Frankfurt on the Main and the
exhibition "Inter-oil." Chem prum 13 no.10:534 0 '63.

1. Ceskoslovenska akademie ved, UMCH.

POSPISIL, JAN

CZECHOSLOVAKIA/Organic Chemistry - Synthetic Organic Chemistry. G-2

Abs Jour: Referat Zhur-Khimiya, No 5, 1958, 14391.

Author : Ettel Viktor, Pospisil Jan

Inst :

Title : Oxidation of Pyrocatechol. I. Products of Oxidation in Alkaline Medium.

Orig Pub: Chem. listy, 1957, 51, No 3, 505-511; Sb. chekhosl. khim. rabot, 1957, 22, No 5, 1613-1620.

Abstract: Oxidation of pyrocatechol with oxygen, in alkaline aqueous alcohol solution, results in the formation of 2,5-dihydroxybenzoquinone-1,4 identical with that obtained by the analogous procedure from hydroquinone. I occurs in two forms -- yellow (orange) and red. The yellow form corresponds to undissociated molecule, the red -- to the ionized. Yellow I is stable in non-polar solvents and in strong mineral acids. In aqueous solutions and in polar organic solvents I is con-

Card : 1/3

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POSPISIL, JAN

CZECHOSLOVAKIA/Organic Chemistry - Synthetic Organic Chemistry...

G-2

Abs Jour : Ref Zhur - Khimiya, No 14, 1958, 46689

Author : Viktor Ettel, Jan Pospisil

Inst : -

Title : Oxidation of Pyrocatechin. II. Course of Pyrocatechin Oxidation in Alkaline Medium.

Orig Pub : Chem. listy, 1957, 51, No 6, 1153-1158; Sb. chekhosl. khim. rabot, 1957, 22, No 5, 1624-1631

Abstract : In order to attain a great yield of 2,5-dioxy-1,4-benzoquinone (I) at the pyrocatechin oxidation (II) with oxygen, a high-percentual KOH solution in aqueous alcohol or CH_3OH is necessary as the medium. I is forming in a little amount also by the oxidation of 1,2-benzoquinone with oxygen, but it is not forming at the oxidation of hydroquinone or oxyhydroquinone, which indicates, as it seems, that 2-oxybenzoquinone-1,4

Card 1/2

CZECHOSLOVALIA/Organic Chemistry - Synthetic Organic
Chemistry.

G-2

Abs Jour : Ref Zhur - Khimiya, No 14, 1958, 46689

is not intermediate at the oxidation of II. Other oxidizers (H_2O_2 , $K_2S_2O_8$, Ag_2O , after which O_2) produce I at considerably lesser yields than O_2 . 10%-ual II solution is gradually added at 40° to KOH solution (225 g per liter) in 75%-ual alcohol (or CH_3OH) saturated with O_2 , the yield of I is about 65% (see report I, RZhKhim, 1958, 14391, for details). The amount of forming compounds with active O increases and the yield of I decreases in the process of II oxidation into I, if the dilution of alcohol with water was increased. The potassium salt of I (III) in alkaline medium is very stable as far as oxidation is concerned. Ultraviolet spectra of I, III, series of dissociation products and some fractions of humic acids, which are byproducts at the preparation of I, are presented.

Card 2/2

POSPIŠIL, J.

The problem of our roads and road transportation.

P. 37, (Silnice) Vol. 6, no. 7/8, July/Aug. 1957, Praha, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) Vol. 6, No. 11 November 1957

POSPISIL, J.; ETEEL, V.

Pyrocatechol oxidation to muconic acid.

P. 244. (Chemicky Prumysl.) (Praha, Czechoslovakia) Vol 7, No. 5, May 1957

SO: Monthly Index of East European Accession (EEAI) LC. Vol. 7, No. 5, May 1958

POSPISIL, J

VOJTA, M.; BENESOVA, D.; CECH, J.; POSPISIL, J.

A plea for a more profound diagnosis of causes of stillbirth. Cas.
gyn. 23[37] no.4:247-258 June 58.

1. Ustav pro peci o matku a dite, reditel prof. Dr J. Trapl, nositel
Radu republiky Katedra patol. anatomie, ped. lek. fak. KU, vedouci doc.
Dr. D. Benesova. M. V., UPMD, Praha-Podolf.

(STILLBIRTH,
diag. of causes of death (Cz))

POSPISIL, J.

Certain new trends in planning electric power plants.

P. 1. (Statni sutav pro projektovani energetickych zavodu a zarizeni.
TECHNICKE ZPRAVY. No. 3, 1956 , Praha, Czechoslovakia)

Monthly Index of East European Accessions (EEA()) LC. Vol. 7, no. 2,
February 1958

POSPISIL, J.

Technical application of thiourea derivatives.

P. 495. (Chemický Průmysl. Vol. 7, no. 9, Sept. 1957, Praha, Czechoslovakia)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 2,
February 1958

Pospisil, J.

Distr: 4E2c(j)/4E3d

7
Preparation of phenol by oxidation methods. Jan Pospisil
(Vysoká škola chem.-technol., Prague). *Chemie* (Prague),
9, 888 (1957).—A review on the production of phenol by the
oxidation of benzene and cumene. 41 references, 3 figures.
Ivo Hala.

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ja

Pospisil, Jan

Oxidation of catechol. III. Oxidation of 4-methylcatechol. Jan Pospisil and Viktor Eitel (Tech. Univ., Prague). *Chem. listy* 51, 1833-4 (1957); cf. *C.A.* 51, 18449a. — Oxidation of 4-methylcatechol (I) with O in MeOH-KOH gives rise to transitory red quinoid compds. which polymerize quickly. I (3 g.) with 40% H₂O₂ in aq. KOH at 40-5° yields 0.17 g. 2,5-dihydroxy-1,4-benzoquinone, a small amt. of (CO₂H)₂, and 14-35 mg. CO₂, while oxidation of I with mixts. of Ac₂O and H₂O₂ in AcOH gives β-methylmaleic acid, m. 177-8° (MeOH), and γ-carboxymethyl-β-methyl-Δ²-butenolide, m. 128° (AcOEt), besides an orange oily residue. A graph shows the comparison between the oxidation rates of catechol (II) and I and their dependence on the oxidation agent (ratio of Ac₂O-H₂O₂, concn. of H₂O₂) and the presence of catalysts (Mn⁺⁺ or Zn⁺⁺). Comparative expts. revealed that the expected products of the oxidation of I, 4-methyl-1,2-benzoquinone, and 2-methyl-5-hydroxy-1,4-benzoquinone, are unstable under the conditions used. I isolated from the brown-coal carbonization fraction (bp 145-8°) and purified by repeated crystn. from C₆H₆-petr. ether (1:1) contains traces of II and 6-methylcatechol. Pure I is obtained by reducing 115 g. vanillin in MeOH according to Clemenzen and hydrolyzing the resulting cresol (62.6 g.) by heating 20 hrs. with 200 ml. AcOH and 200 g. 40% HBr to give 40 g. I, m. 61-5° (C₆H₆-petr. ether).
L. J. Urbach

POSPISIL, JOSEF

Activity of animal tissue toward photographic material.
 Jifi Herzmann, Josef Pospisil, and Anna Setnickova (Ústav
 pedi matku dite, Prague). *Ceskoslov. fotograf.* 4, 95-9 (1950).
 Five-mm. thick slices of organs were placed in contact
 with the emulsion of a photographic plate, wrapped in black
 paper, and incubated at 5-18° for 1-24 hrs. The tissue was
 then removed with water, and the plate developed and fixed
 in the usual way. Sharper details were obtained by using
 the latent image procedure, i.e., by exposing for only 20-120
 min., removing the tissue, and leaving the plate to "ripen"
 in darkness for 24 hrs. at 5° before development. Exact
 pictures of the structure were obtained with black-and-white
 or color material. The colors approximated the colors of
 the prep. Even underlying structures, which were not in
 direct contact with the emulsion, were brought out. Punc-
 tionally more active or less mature tissues showed more in-
 tensive "photoactivity." Tissue fluid seems to be the main
 agent involved, since washing decreases the intensity, but
 it was possible to obtain good results with intact surfaces of
 organs. Putrefaction decreased the intensity. Previous
 freezing was without effect; boiling or chem. fixation dimin-
 ished but did not destroy the activity. Interposition of
 cellophane foil or mastix layer did not prevent the images,
 but mica or glass did. A chem. explanation is favored, ex-
 cept for the images of deeper-seated organs. I. M. Hais

676

POSTPISIL, JAN

Oxidation of pyrocatechol (II). Oxidation in alkaline solutions. Viscos. 1153-511577; el. C.A. 51, 101137.
Prague). Chem. 1153-511577; el. C.A. 51, 101137.
 Highest yields (63.0-72.2%) of the K salt of 2,5-dihydroxy-1,4-benzoquinone (I) are obtained by dropping slowly at 40° 10% soln. of pyrocatechol (II) under stirring into 75% MeOH or EtOH soln. contg. 325 g. KOH/l. satd. with O (see. cit.). Lower contents of the alc. or KOH or use of perox. compds. (III) as oxidants favor formation of humin substances (IV) and reduce the yields of I to 31.4% (III₂O₂) and 8.0-15.2% (persulfate). 1,2-Benzoquinone (V) oxidized under similar conditions gives 21.0% I, whereas in solns. contg. less KOH than given, V, hydroquinone, pyrogallol, and hydroxyhydroquinone give mixts. of IV, and resorcinol gives only a brownish green color. The unfavorable effect of III is further manifested by the finding that the content of active O in the mixts. is in indirect proportion to the yields of I. IV isolated from the products of oxidation of I with O are predominantly of the fulvic acids type, whereas oxidations with III give insol. humin acids as well. Higher content of O in the isolated IV (compared with C.A. 19, 2328) is explained by that I presumably participates in the formation of the polymers. Solns. (1-10%) of I (K salt) in H₂O or 10% KOH through which O is bubbled at 20° are stable for 120 hrs. but addn. of equal amt. of IV results in a decrease of 2-5% I in the favor of IV. Free I decomps. on standing 20 days in 0.002M aq. soln. at 20° to give black-brown ppt. of IV contg. 51.00-55.35% C and 3.15-3.61% Ab. II. Mechanism of formation of I from II is discussed. Absorption spectra of I in various solvents and stages of decomposition, and spectra of IV are presented. L.J.II.

PM any

Pospisil, JAN

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 Oxidation of pyrocatechol. I. Products of oxidation in alkaline solution. Viktor Ettel, Jan Pospisil, and Jaro Slava Raver (Tech. Univ., Prague). *Chem. Zvesti* 51, 505-14 (1957). — 2,5-Dihydroxy-1,4-benzoquinone (I) is obtained as its K salt in 4.5-g. yield by satg. 800 ml. 75% aq. MeOH contg. 135 g. KOH at 40° with O passed at a rate of 0.30-0.35 l./min. and dropping to the mixt. in the course of 7 hrs. a soln. of 11 g. pyrocatechol in 110 ml. 75% MeOH. When recrystd. from H₂O at 75°, the K salt forms red crystals decomp. 250°. Other reaction products are CO₂, oxalic and fumaric acid, and humic substances. I exists in 2 forms; the first characterized by orange needles, m. 218-20° (decompn.), obtained by acidifying a suspension of crude K salt of I in H₂O with coned. HCl and recrystg. the ppt. from hot 3:1 CH₂Cl₂-ligroine which change, when finely dispersed on air, to the other form represented by bright red crystals decomp. 145-52°. Absorption max. of the red I measured in aq. solns. are shifted in the visible and ultraviolet region towards higher wave-lengths. Orange I is obtained from red I by acidifying the aq. soln. and extg. with Et₂O. NH₄ salt and Ag salt of I are red microcryst. powders; red amorphous 2-hydroxy-5-hydroxyamino-1,4-benzoquinone-1-oxime, obtained in 0.11-g. yield by treating 0.1 g. I with 1.1 g. NH₄OH.HCl and 0.22 g. AcONa in aq. EtOH gives, on recrystn. from H₂O, colorless leaflets which explode when heated. 2,5-Dimethoxy-1,4-benzoquinone (II), obtained in 0.15-g. yield by treating 0.14 g. I with CH₃N₃ in dry Et₂O crystals from AcOEt in yellow needles, m. 275° (decompn.). Reductive acetylation of II by re-

ETTEL, V. POSPIŠIL, J. BAUER, J. 5

fluxing 0.33 g. 11 3 hrs. with 15 ml. Ac_2O , 1 g. Zn powder, and 0.6 g. anhyd. AcONa gives 0.48 g. 1,4-diacetoxy-2,5-dimethoxybenzene, m. 185.5° . Analogous treatment of 0.28 g. I yields 0.61 g. 1,2,4,5-tetraacetoxybenzene, m. 220° (from AcOH). Monoclinic crystals of the orange I (size $3.8-50 \mu$) are morphologically, optically, and reagent-geometrically different from the triclinic red I (size $16-40 \mu$). Crystals of II and of the K salt are triclinic, their sizes being $8.3-70 \mu$ and $10-60 \mu$, resp. Tabulated results of evaluated diffraction diagrams of the different forms of I are presented.

L. I. Urbánek

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Pospisil, J.

Insecticides and the protection of man. p. 136.

Vol. 5, no. 3, Mar. 1955.

CHEMICKY PRUMYSL

SO: Monthly List of East European Accession, (EEAL), LC, VOL. 4, No. 9,
Sept. 1955, Uncl.

POSPISIL, J.

POSPISIL, J. Aspen breeding. p. 489.

Vol. 29, No. 7/8, Aug. 1956.

SBORNIK. RADA LESNICTVI

AGRICULTURE

Praha, Czechoslovakia

So: East European Accession, Vol. 6, No. 2, Feb. 1957

Pospisil, J.

Contribution to study of photoactivity of animal tissues. P. 92
CESKOSLOVENSKY CASOPIS PRO FYSIKU. (Ceskoslovenska akademie ved.
Ustav technicke fysiky) Praha
Vol. 6, no. 1, Jan. 1956

Source: EEAL - LC Vol. 5. No. 10 Oct. 1956

POSPISIL, J.

Improved strains of aspen. p. 191.
SBORNÍK. RADA C: SPISY FAKULTY LESNICKÉ. Brno.
No. 4, 1955.

SOURCE: EEAL - LC Vol. 5 No. 10 Oct. 1956

POSPISIL, J.; HONZA, M.; HELBICH, P.

Observations on the Skibinsky test. Cas. lek. cesk. 96 no.3:
74-78 18 Jan 57.

1. Za spoluprace pracovniho kolektivu Tuberkulosni lecebny
Jablunkov, red. MUDr. B. Urbancik.

(RESPIRATION, funct. tests

Skibinsky test in pulm. tuberc. patients (Cz))

(TUBERCULOSIS, PULMONARY, physiol.

Skibinsky resp. funct. test (Cz))

POSPISIL, J.

Instructions in pharmacy. Cas. česk lek. 63 no.21:257-261 15 Nov
50. (CLML 20:4)

ZAJIC, Fr., Dr.; KRIVINKA, R., Doc., dr.; POSPISIL, J., dr.;
PROKES, S., rtg. lab.

Stratigraphy and roentgenologic stereography in diagnosis of
pulmonary diseases. Cas. lek. cesk. 91 no.22:651-658 30 May 52.

1. Z Ustavu pro klinickou fyziologii (prednosta prof. dr.
J. Skladal), z II. plicniho oddeleni stat. obl. nemocnice na
Bulovce (prednosta doc. R. Krivinka) a z prosektury stat. oblast.
nemocnice na Bulovce (prednosta prof. dr. V. Jedlicka).

(LUNGS, radiography,
stereography & stratigraphy)
(TUBERCULOSIS, PULMONARY, diagnosis,
x-ray, stereography & stratigraphy)

POSPISIL, Josef, MUDr; HERZMANN, Jiri, RNDr

Utilization of photoactivity of animal and human tissue in
bynecology. Cesk.gyn. 19 no.6:415-416 Nov 55.

1. UPMD v Praze-Podoli, reditel prof. MUDr J.Trapl
(GENITALIA, FEMALE, neoplasms,
impression on photographic plate of neoplastic
tissue)
(PHOTOGRAPHY,
impression of female genital tumor tissue on
photographic plate)

Pospisil, Josef.

//Photoactivity of animal tissue. Josef Pospisil, J. M. Hermann, and Anna Setnicková (Ostrov pro peči o mládu a dítě, Prague). *Časopis Lékařů Čechů* 94, 788-8 (1955).—Previous reports have been made on the exposure of photographic emulsions by contact with biol. material in the dark. Tissue slices were placed in close contact with a panchromatic plate, wrapped in black paper, and exposed for 24 hrs. at -10° . The plate was developed and fixed in the usual manner. Alternatively, an even finer but less intensive "latent image" was obtained by placing in contact for only 1-2 hrs. and then leaving at 6° for 24 hrs. before development. Liver parenchyma produced stronger pos. patterns than conjunctive tissue and muscles. Living tumor tissue and blood gave even stronger blackening. Necrotic or autolyzed tissue gave weaker patterns. When color film was used, the colors of the image resembled those of the tissue itself. These phenomena are explained by the reducing power of substances diffusing from the tissue and undergoing a sort of chromatography in the gelatin rather than by the effect of unspecified radiation. I. M. Hale

(2)

KITTRICH, Miroslav, MUDr.; POSPISIL, Josef, MUDr.

Cytological contribution to the diagnosis of loss of amniotic fluid. Cesk. gyn. 21 no.5:325-329 Sept 56.

1. Ustav pro peci o matku a dire, Praha-Podoli, reditel prof. MUDr. Jiri Trapl.

(AMNIOTIC FLUID

loss, diag. by cytol. (Cz))

(VAGINAL SMEARS

determ. of loss of amniotic fluid (Cz))

POSPISIL, Josef, MUDr.

Optic bench. Cas. lek. cesk. 95 no.28-29:784-785 13 July 56.

1. Histologicke odd. Ustavu pro peci o matku a dite Praha Podoli,
red. ustavu prof. MUDr. Jiri Trapl.
(PHOTOGRAPHY, apparatus and instruments,
optic bench for microphotography (Cz))

POSPISL J.
CZECHOSLOVAKIA / Organic Chemistry. Organic Synthesis. G-2

Abs Jour: Ref Zhur-Khimiya, No 10, 1959, 34819.

Author : Pospisl, J., Ettel, V.

Inst : Not given.

Title : Oxidation of Pyrocatechin. IV. Oxidation of
4-Tert. - Octylpyrocatechin.

Orig Pub: Chem listy, 1958, 52, No 5, 939-947.

Abstract: 4-tert. - octylpyrocatechin (I) is oxidized by O₂ or H₂O₂ in alkaline medium into 2-oxy-5-tert-octyl-1,4-benzoquinon (II). The action of Ag₂O leads to the formation of 4-tert.-octyl-1,2-benzoquinon (III). As a distinction of other quinons, II acetylates, analogically to 2,5-dioxy-1,4-benzoquinon IV, only along the OH groups. Acetylation of III yields, however, 1,2,3-triacetoxy-5-tert.-octylbenzene (V), which may be obtained also by

Card 1/5

Higher School Chem. Technol., Prague

CZECHOSLOVAKIA / Organic Chemistry. Organic Synthesis. G-2

Abs Jour: Ref Zhur-Khimiya, No 10, 1959, 34819.

Abstract: analogically yielding 51.7% of 104° melting point material. From 4.5 gr I in 320 ml ether with 5 gr Na₂SO₄ and Ag₂O (from 135 gr AgNO₃), mixed for 5 minutes III was synthesized [yield of 96.4% of 121-121.5° melting point (from ether) having dark red crystals], after 10 minutes boiling with Zn in VIII with molten CH₃COONa (IX), resulted in 1,2-diacetoxy-4-tert-octylbenzene with 49.5° melting point and identical to the product of I acetylation after the 20 minutes heating in VIII with the catalytic quantity of H₂SO₄. II of 133.5-134.5° melting point (from petroleum ether) was synthesized as follows: a) Solution of 10 gr I in 75% CH₃OH was gradually added during 2.5 hours to a solution containing 68 gr KOH in 300 ml of

Card 3/5

Distr: 4E2c(j) 7

V Application of muconic acid. Jan Pospíšil, Viktor Ettel, and Sylvie Dožkalová (Vysoká škola chem.-technol., Prague). *Chem. průmysl* 8(33), 234-6(1958).—The isomeric muconic acids [*cis, cis* (I), m. 185-7°; *cis, trans* (II), m. 190°; *trans, trans* (III), m. 290-3°] and their di-Me esters [*cis, cis* (IV), m. 74°; *cis, trans* (V), m. 73°; *trans, trans* (VI), m. 155-6°] were refluxed for 24 hrs. with 1.5 moles maleic anhydride and 2.5 moles ethanol. No cryst. adducts were obtained. On heating the dienes with maleic anhydride and benzene at 150-250° for 5 hrs., a cryst. adduct was obtained only from VI, while I, II, and III polymerized. The muconic acids and their esters polymerized on heating for 4-5 hrs. at 100-150°, and the reaction was catalyzed by benzoyl peroxide. The acid polymers are liquid; the polymeric esters are resins suitable as glass-to-glass and metal-to-glass adhesives. Thermal decomposition of the polymers of IV, V, and VI above 200° leads to monomeric VI. The muconic esters form no adduct with *p*-benzoquinone.

H. Morawetz

7
2 May
1

gaf

Nuclear Medicine

CZECHOSLOVAKIA

UDC 612.111/.112.014.48-084

KOFRANEK, V.; POSPISIL, J.; DIENSTBIER, Z.; ARIENT, M.; Research Institute of Radiation Hygiene (Vyzkumny Ustav Hygieny Zaroni), Prague; Biophysical Institute, Faculty of General Medicine, Charles University (Biofysikalni Ustav Fak. Vseob. Lek. KU), Prague, Chief (Prednosta) Prof Dr Z. DIENSTBIER; Department of Clinical Laboratories at the Central Military Hospital (Oddeleni Klinickych Laboratori Ustredni Vojenske Nemocnice), Prague.

"Dynamics of Peripheral Blood Changes in Relation to Combined External Radiation and the Activation of Na^{24} in Rats. I. "

Prague, Casopis Lekarů Ceskych, Vol 106, No 8, 24 Feb 67, pp 201 - 210

Abstract /Authors' English summary modified 7: Dynamics of peripheral changes of leucocytes, neutrophils, and lymphocytes in rats were investigated for 24 hours to 29 days following an irradiation by 25, 100, 600, and 1000 R of ionizing radiation from various sources. Lymphocytes are the cells most sensitive to irradiation. From the change in their numbers it is possible to determine what amount and what kind of irradiation (X-ray, gamma, neutrons) was applied. 6 Figures. 3 Tables. 57 Western. 12 Czech. 1 USSR ref.

L 27640-66

ACC NR: AP6015026

2.
anesthetics. Inhaled anesthesia with trichlorethylene yielded surprisingly good results; the mortality rate of the animals in that group was lower than in the control group. Intravenous anesthesia of thiopental with alcohol infusion was found to be unsuitable. It was observed that anesthesia administered on the 7th day after irradiation was safest. Dosimetric control during the tests was carried out by Dr. Spurny, Institute of Nuclear Research, CSAV, Prague. Orig. art. has: 5 figures and 4 tables. [KS]

SUB CODE: 06/ SUBM DATE: none/ ORIG REF: 008/ OTH REF: 027/ SOV REF: 003/

ATD PRESS: 5002

Card 2/2 CC

L 1033-66

ACCESSION NR: AP5025945

CZ/0039/65/026/005/0273/0278

AUTHOR: Pospisil, Jiri, (Engineer); Fris, Zdenek (Engineer)

11
B

TITLE: Measurement of the response of thermionic tubes in the positive grid voltage region

SOURCE: Slaboproudý obzor, v. 26, no. 5, 1965, 273-278

TOPIC TAGS: thermionic tube, electron tube grid, electronic measurement

ABSTRACT: [Authors' Russian and English summaries, modified]:
The article treats the problems and basic principles of measuring the response of thermionic tubes in the region of positive grid voltage. The method of dc pulses is described in detail and the conditions on the plate and control grid of the tube to be measured are analyzed. Orig. art. has: 15 figures, 15 formulas and 1 graph.

ASSOCIATION: Pospisil VAAZ, Brno; Fris TVS, Jizni Morava

SUBMITTED: 09Nov64

ENCL: 00

SUB CODE: EC

NR REF SOV: 000

OTHER: 002

JPRS

Card 1/1

POSPISIL, Jindrich, inz.; BASCH, Michal, promovany matematik

The Minsk-22 data processing system. Automatizace 7 no.12:319-321 D '64.

Characteristic values of computers. Ibid.:322-323

1. Sdruzeni telekomunikačních podniku, Prague.

POSPISIL, Jaroslav

Palletization experiences in the Brno Branch of the Czechoslovak
State Automobile Transportation. Siln doprava 12 no. 8:12-13
Ag '64.

POSPISIL, Jaroslav

Motor bus washing in Brno. Siln doprava 12 no.6/7:27 '64.

1. Ceskoslovenska statni automobilova doprava National Enterprise,
Brno.

POSPISIL, J.

COUNTRY : CZECHOSLOVAKIA
 CATEGORY : General and Specialized Zoology. Insects. Harmful Insects and Ticks
 JOURN. : Zool. a Entomol. listi, No. 12 1958, No. 10002
 AUTHOR : Pospisil, J.
 INST. :
 TITLE : The biology of the Cabbage Maggot
 ORIG. PUB. : Zool. a Entomol. listi, 1957, Vol. 6, No. 4, 295-300
 ABSTRACT : The duration of growth of the egg is 4-5 days in moist soil at 20°, of the larva 2-3 weeks, of the pupa of the summer generation 1-3 weeks, and of the total growth from egg to fly of 32-55 days. The emerging females, after supplementary feeding, mate in 3-4 days, and the males in 4-5 days; egg-laying occurs after 2 weeks. The young plants die from 1-3 larvae, and the more mature ones are destroyed by more than 6 larvae. Winter pupae require a temperature lower than 6° for growth; no less than 5 months are required at a temperature up to 1°. Maintenance in temperatures between +6 and -10° has an unfavorable influence on the growth of hiberna-
 CARD: 1/2

EXCERPTA MEDICA Sec. 6 Vol 13/12 Internal med. Dec 59

7211. CORONARY COMPLICATIONS IN BUEGER'S DISEASE - Koronární komplikace u Buergerovy choroby - Pospíšil J. and Homola D. I. a III. Vnitř. Klin. MU, Brno - VNITŘNÍ LEK. 1959, 5/1 (66-69) Tables 1

The authors quote 94 patients with thromboangiitis obliterans Buerger, in 6 of whom insufficiency of coronary arteries was proved through ECG or morbid history. All these patients were in stage I and II of the disease and were in the age of 37, 46, 49, 52, 56 and 57 yr. On the contrary no one of 24 patients in stage III of the disease showed any signs of coronary insufficiency. From these observations the authors conclude that the coronary complication in Buerger's diseases originate more often in higher age where the coronary changes cannot be attributed to end-arteriitis obliterans only, but mainly to simultaneous arteriosclerotic changes.

(XVIII, 6, 19)

POSPISIL, J

CZECHOSLOVAKIA

POSPISIL, J.; TROJANEK, J.

CSSR

Research Institute for Natural Medicine, Prague (for both)

Prague, Collection of Czechoslovak Chemical Communications, No 2, 1963,
pp 463-468

"On Unsaturated Quaternary Ammonium Compounds II. 1-(4-Dimethylaminopropyl)-
-4,4-Dimethylpiperidin-dimethoxyde

POSPISIL, Josef

Development of technical equipment in railroad transportation. Nova
technika no.8:341-344 '60.

1. Namestek ministra dopravy a spoju pro veci technicke.

CZECHOSLOVAKIA / Farm Animals. Dogs.

Q

Abs Jour : Ref Zhur - Biologiya, No 5, 1959, No. 21276

Author : Pospisil, J.; Komarek, J.

Inst : Not given

Title : The Influence of the Breed Upon the Quantity of
Erythrocytes and Hemoglobin in the Blood of Dogs

Orig Pub : Veterin. casop., 1958, 7, No 1, 111-114

Abstract : It is established that the breed of dogs does not
influence the Hb and erythrocyte contents in their
blood, whereas insufficient feeding and poor keeping
conditions changed the blood's picture.

Card.1/1

POSPISIL, JIRI

Cviceni z lesniho semenarstvi. (Vyd. 1)

Praha, Czechoslovakia, Statni pedagogicke nakl., 1958, 52p.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 9, September 1959.

Unclassified.

POSPISIL, Josef, inz. (Praha)

Method for removing the lye from steam piping of condensing
power plants with continuous boilers. Energetika Cz 13 no.6:
336-337 Je '63.

Country : Czechoslovakia H-29
 Category :
 Abs. Jour. : 47804
 Author : Pospisil, J.; Ettel, V.; Dockalova, S.
 Institut. :
 Title : Utilization of Muconic Acid
 Orig Pub. : Chem. prumysl, 1958, 8, No 5, 234-236

Abstract : Oxidation of pyrocatechol with peracetic acid yields cis-1,2-muconic (1,2-butadiene-dicarboxylic) acid (I), mp 185-187°. By boiling in aqueous solution, I was isomerized to trans-muconic acid (II), mp 190°. Ultraviolet irradiation of an ethanol solution isomerized I to trans-muconic acid (III), mp 200-203°. Polymerization of II in the presence of zinc benzoate at 100-150°C, in benzene, yielded a thermoplastic polymer (IV), which exhibited only adhesiveness to glass, porcelain, and metal. The polymer of II has properties closely approximating those of a soluble polymer could be obtained from III. Isomerization in the presence of HCl, at 5°, yielded the

Country : CZECHOSLOVAKIA

E

Category: Analytical Chemistry. Analysis of Organic Chemistry

Abs Jour: RZhKhim., No 17, 1959, No. 60622

1957, No 9, 31103) that uses cyclohexane or $n\text{-C}_6\text{H}_{14}$, nitrohydrocarbons are separated and isolated with the aid of C_6H_6 or of ethylacetate (I)-nitrophenols. Finally, on Watman No 1 paper, are separated nitro-acids, employing a mixture of $\text{C}_2\text{H}_5\text{OH}-\text{NH}_4\text{OH}$ (II) (95 : 5) or a mixture of I and II (95 : 5). In the identification of isomers on the paper having a stationary polar phase, the Frants-Latinyak's equation (Ref Zhur-Khimiya, 1956, No 3, 6544), $R_f = K - 0.1\mu$ is employed and on the paper having a stationary non-polar phase the equation $R_f = K + 0.1\mu$ (K-chromatographic constant calculated on the basis of

Card : 2/4

Country : CZECHOSLOVAKIA

Category: Analytical Chemistry. Analysis of Organic Chemistry

E

Abs Jour: RZhKhim., No 17, 1959, No. 60622

sented are R_f values either found experimentally
or calculated from the above indicated equations. --
N. Turkevich

Card : 4/4

POSPISIL, J.:

TECHNOLOGY

Periodical; CHEMICKY PRUMYSL, Vol. 11, no. 3, 1958.

POSPISIL, J. Chromatographic analysis of nitro-compound mixtures for industrial use, p. 511.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, no. 5,
May 1959, Unclass.

Pospisil, JAN

CZECHOSLOVAKIA/Analytical Chemistry. Analysis of Organic Substances.

E

Abs Jour: Ref Zhur-Khim., No 9, 1959, 31103.

Author : Ettel, Viktor, Pospisil, Jan, Deyl, Zdenek.

Inst :

Title : Chromatographic Separation of Mixtures of Nitro-Compounds.

Orig Pub: Chem. listy, 1958, 52, No 4, 623-630.

Abstract: This study deals with chromatographic separation in the downward flow of the developer of the mono-, di-, and tri-nitro derivatives of toluene (I), of phenol (II) and of benzoic acid (III) as well as with the separation of isomeric tri-nitrobenzols (IV) on paper saturated with polar solvent, namely 5% solution of formamide (V) in C_2H_5OH . For the separation of I, II

Card : 1/5

112

CZECHOSLOVAKIA/Analytical Chemistry. Analysis of Organic Substances.

E

Abs Jour: Ref Zhur-Khim., No 9, 1959, 31103.

and IV Watman No. 4 paper was used and for III the Watman No.1 paper which was also saturated with 5% solution of kerosene VI in benzol. Mixtures I and IV were developed with n-hexane and with cyclohexane (VII). Mixture II - with C_6H_6 , $CHCl_3$ or with ethyl acetate (VIII). III - with mixture VIII plus NH_4OH (95:5) (paper saturated with VI), or with C_6H_6 or with VIII (paper saturated with V) and with the mixture of C_2H_5OH plus NH_4OH (95:5) or with VIII plus NH_4OH (unsaturated paper). I and IV were opened after reduction with 5% $SnCl_2$ solution in concentrated HCl and with 1% solution of n-dimethylaminobenzaldehyde in 1.2 normal HCl.

Card : 2/5

CZECHOSLOVAKIA/Analytical Chemistry. Analysis of Organic Substances.

E

Abs Jour; Ref Zhur-Khim., No 9, 1959, 31103.

II was opened with the mixture of 15% FeCl_3 solution and of 1% solution of $\text{Na}_3[\text{Fe}(\text{CN})_6]$ (1:1). Following this the chromatogram was treated with 2 normal HCl . To open II a 10% water solution of NaOH was also used. III was opened with a mixture of 1% alcohol solution of methyl red with 1/15 M phosphate buffer solution, pH 7 (1:1). In drying the chromatograms at 150° for one hour the paper was cleared in the places showing the blots of substances containing sulfogroups. The R_f values of 30 enumerated classes, under the conditions described above, are given. They differ from values calculated according to the values of dipole moments by not more than 2%. Pure substances and the corresponding R_f values are utilized for the

Card : 3/5

112

CZECHOSLOVAKIA/Analytical Chemistry. Analysis of Organic Substances.

Abs Jour: Ref Zhur-Khim., No 9, 1959, 31103.

Identification of the products obtained by nitrating toluene which were subjected to chromatographic separation under the described conditions by stage elutriation with solvents of increasing polarity. After nitrating, I and IV were separated from the reaction mixture on Watman No. 4 paper with the aid of a mixture of V with VII. The residue at the start was extracted with CH_3COOH or with $\text{C}_2\text{H}_5\text{OH}$ and the solution was again chromatographed on Watman No. 4 paper with a mixture of V with VIII during which the II are separated and III and the sulfated derivatives remain at the start. They were again extracted and separated on Watman No. 1 paper with a mixture of $\text{C}_2\text{H}_5\text{OH}$ plus NH_4OH . Identification in the

Card : 4/5

CZECHOSLOVAKII./Analytical Chemistry. Analysis of Organic
Substances.

Pos Jour: Ref Zhur-Khuz., No 9, 1959, 31103.

products derived from nitrating toluene of more than
20 I, II, III and IV was made possible by using the
method described. -- B. Meloun.

Card

: 5/5

114

POSPISIL, K.

Analysis of a rational irrigation of vegetable gardens on the Stara Posta Farm
in Pohorelice near Brno from 1952-1954. p.133.
(Beseda Venkovske, Rodiny, Vol. 30, No. 2, Apr. 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 9, Sept. 1957. Uncl.

ZAVADIL, M.;GROSS, K.;POSPISIL, J.;VIKlicky, J.

Histological classification of precancerous conditions of the
cervix uteri. Cesk. gyn. 24[38] no.7:515-516 S '59

1. I. gyn. klin. prednosta prof. dr. K. Klaus. - Onkol. lab. lek.
fakulty KU v Praze, reditel doc. dr. J. Venta - Onkol. ustav v Praze
VIII, reditel MUDr. Dr. Vadura - Ustav pro peci o matku a dite v
Praze-Podoli, reditel doc. dr. M. Vojta - Pat.anat. odd. Bulovky,
prednosta MUDr. J. Viklicky.
(CERVIX UTERI neopl.)

POSPISIL, J.; GEISS, K.; ZAVADIL, M.; VIKLICKY, J.

Precancerous conditions of the cervix uteri. Errors in collection and handling of histological material. Cesk. gyn. 24[38] no.7: 518-523 S '59.
(CERVIX UTERI, neopl.)

POSPISIL, J.; HORSKY, J.

Histo-morphology of the placenta in pathological pregnancy. Cesk. gyn. 24[38] no.8:628-632 0 '59.

1. Ustav pro peci o matku a dite, Praha-Podoli, reditel doc. dr. M. Vojta, zasl. lekar CSR.
(PLACENTA pathol.)
(PREGNANCY compl.)

HORSKY, J.; POSPISIL, J.

Relation of placental pathmorphology to birth injury. Cesk. gyn.
24[38] no.8:632-639 0 '59.

1. Ustav pro peci o matku a dite, Praha-Podoli, reditel doc. dr.
M. Vojta, zasl. lekar CSR.
(PLACENTA pathol.)
(BIRTH INJURY)

GROSS, K.; POSPISIL, J.; VIKLICKY, J.; ZAVADIL, M.

Problem of histological diagnosis of precancerous conditions of
the cervix uteri. *Cesk. gyn.* 24[38] no.7:523-526 S '59.
(CERVIX UTERI, neopl.)

VIKLIČKY, J.; GROSS, K.; POSPISIL, J.; ZAVADIL, M.

Is leukoplakia of the cervix uteri a precancerous condition? Česk.

gyn. 24[38] no.7:497-499 S '59

(LEUKOPLAKIA pathol.)

(CERVIX UTERI neopl.)

POSPISIL, Jan

1. The Preparation of High-Purity Silicon: "Jesse H. Van Wazer, et al., OSAF (Oxidation-Reduction, Acidity, and Thermodynamic Analysis of Solutes) Institute of Inorganic Chemistry (New York University Chemistry), FRANK, pp. 1-10-55-56.
2. Preparation of Silicon of Controlling Purity: "Karel ZROGADZAN and J. G. GALE of INSTITUTE OF INORGANIC CHEMISTRY (KARLOVA UNIVERSITY, PRAGUE) or OSAF (Oxidation-Reduction, Acidity, and Thermodynamic Analysis of Solutes) Institute of Inorganic Chemistry (New York University Chemistry), FRANK, pp. 1-10-55-56.
3. Preparation of Silicon of Controlling Purity: "Jesse H. Van Wazer, et al., OSAF (Oxidation-Reduction, Acidity, and Thermodynamic Analysis of Solutes) Institute of Inorganic Chemistry (New York University Chemistry), FRANK, pp. 1-10-55-56.
4. Preparation of Silicon of Controlling Purity: "Jesse H. Van Wazer, et al., OSAF (Oxidation-Reduction, Acidity, and Thermodynamic Analysis of Solutes) Institute of Inorganic Chemistry (New York University Chemistry), FRANK, pp. 1-10-55-56.
5. Preparation of Silicon of Controlling Purity: "Jesse H. Van Wazer, et al., OSAF (Oxidation-Reduction, Acidity, and Thermodynamic Analysis of Solutes) Institute of Inorganic Chemistry (New York University Chemistry), FRANK, pp. 1-10-55-56.
6. Preparation of Silicon of Controlling Purity: "Jesse H. Van Wazer, et al., OSAF (Oxidation-Reduction, Acidity, and Thermodynamic Analysis of Solutes) Institute of Inorganic Chemistry (New York University Chemistry), FRANK, pp. 1-10-55-56.
7. Preparation of Silicon of Controlling Purity: "Jesse H. Van Wazer, et al., OSAF (Oxidation-Reduction, Acidity, and Thermodynamic Analysis of Solutes) Institute of Inorganic Chemistry (New York University Chemistry), FRANK, pp. 1-10-55-56.
8. Preparation of Silicon of Controlling Purity: "Jesse H. Van Wazer, et al., OSAF (Oxidation-Reduction, Acidity, and Thermodynamic Analysis of Solutes) Institute of Inorganic Chemistry (New York University Chemistry), FRANK, pp. 1-10-55-56.
9. Preparation of Silicon of Controlling Purity: "Jesse H. Van Wazer, et al., OSAF (Oxidation-Reduction, Acidity, and Thermodynamic Analysis of Solutes) Institute of Inorganic Chemistry (New York University Chemistry), FRANK, pp. 1-10-55-56.
10. Preparation of Silicon of Controlling Purity: "Jesse H. Van Wazer, et al., OSAF (Oxidation-Reduction, Acidity, and Thermodynamic Analysis of Solutes) Institute of Inorganic Chemistry (New York University Chemistry), FRANK, pp. 1-10-55-56.
11. Preparation of Silicon of Controlling Purity: "Jesse H. Van Wazer, et al., OSAF (Oxidation-Reduction, Acidity, and Thermodynamic Analysis of Solutes) Institute of Inorganic Chemistry (New York University Chemistry), FRANK, pp. 1-10-55-56.

POSPISIL. K.

Market gardening based on irrigation on the Stara Posta State
Farm in Pjohorelice near Brno in the years 1952-1953. p. 35

Ceskoslovenska akademie zemedelskych ved. SBORNIK, RADA
ZEMEDELSKA EKONOMIKA

Vol. 28, No. 1, February 1955

SOURCE: East European Accessions List (EEAL) Library
of Congress. Vol. 5, No. 1, January 1956.

POSPISIL, K., inz.

Use of radiocommunications in electrical engineering. Nova
technika no.10:457-460 0 '60.

1. Energetický ústav, Brno

L 33682-66

ACC NR: AP6024248

SOURCE CODE: CZ/0014/65/000/011/0413/0414

AUTHOR: Pospisil, Karel (Engineer)

ORG: none

TITLE: Television measuring line

SOURCE: Sdelovaci technika, no. 11, 1965, 413-414

TOPIC TAGS: TV broadcasting, electric measuring instrument

ABSTRACT: The article discusses and exhibits the measuring lines used by television broadcasting stations in Czechoslovakia and the Soviet Union and other countries and those recommended by the International Television and Radio Organization (OIRT).
Orig. art. has: 6 figures. [JPRS]

SUB CODE: 17, 09 / SUBM DATE: none / ORIG REF: 002 / OTH REF: 002

Card 1/1

POSPISIL, Karel, inz.

Economical load distributor for electric power plants with a common steam line. Energetika Cz 13 no.10:514-516 0 '63.

1. Vyzkumny ustav energeticky, Brno.

CZECHOSLOVAKIA

POSPISIL, L.; KUTA, J.

J. Heyrovsky Polarographic Institute (Polarographisches Institut J. Heyrovsky), Czechoslovak Academy of Sciences, Prague (for both)

Prague, Collection of Czechoslovak Chemical Communications, No 2, Feb 1966, pp 735-742

"Effect of ionic strength on the equilibrium constant and the equilibrium of dissociation of cadmium complex with ethylenediamine-tetracetic acid."

HORN, V.; JANECEK, M.; POSPISIL, L.; STARKA, F.

Detection of antibodies following clinical transplantation of bone tissues. Acta chir. orthop. traum. Cech. 32 no.5:429-431 0 '65.

1. Ortopedická klinika lékařské fakulty University J.E. Purkyně v Brně (prednosta prof. dr. M. Janecek, CSc.).

POSPISIL, L.; HORACEK, J.

Role of the Nelson-Mayer immobilization test in the diagnosis of congenital syphilis. Cesk. dermat. 37 no.5:333-337 0 '62.

1. Dermatovenerologická klinika lékařské fakulty University J. Ev. Purkyne v Brně, přednosta prof. dr. J. Horáček.
(SYPHILIS CONGENITAL) (TREPONEMA IMMOBILIZATION TEST)

HORACEK, J.; POSPISIL, L.

Lipase in staphylococci on the skin surface. Bratisl. lek. listy
45 no.4:193-197 28 F'65.

1. Dermatovenerologická klinika University J.E. Purkyně v Brně
(vedoucí :prof. MUDr. J. Horacek).

POSPISIL, L.; SVOBODA, J.; VESELY, J.

The CZ 175, type 505/00 commercial three-wheeler. Automobil
Gz 6 no.5:152-155 My '62.

1. Ceske zavody motocyklove, n.p., Strakonice.